Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072120\
Data File : VN062584.D
Acq On : 21 Jul 2020 20:28
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
7/22/2020 2:45:53 PM

Quant Time: Jul 22 06:19:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	197111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	338583	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	315843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	146043	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	155338	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.46%			
35) Dibromofluoromethane	7.55	113	112222	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.92%			
50) Toluene-d8	10.06	98	435525	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.16%			
62) 4-Bromofluorobenzene	12.38	95	158021	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	112193	47.718	ug/l	100
3) Chloromethane	2.04	50	160924	50.463	ug/l	96
4) Vinyl Chloride	2.16	62	140202	50.716	ug/l	99
5) Bromomethane	2.52	94	61373	50.124	ug/l	100
6) Chloroethane	2.66	64	64201	51.341	ug/l	99
7) Trichlorofluoromethane	2.98	101	164125	50.566	ug/l	100
8) Diethyl Ether	3.37	74	82115	54.100	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	103368	49.672	ug/l	100
10) Methyl Iodide	3.91	142	146844	55.194	ug/l	100
11) Tert butyl alcohol	4.74	59	131883	270.747	ug/l	99
12) 1,1-Dichloroethene	3.69	96	108278	51.303	ug/l	98
13) Acrolein	3.57	56	127133	250.261	ug/l	98
14) Allyl chloride	4.27	41	242758	53.174	ug/l	100
15) Acrylonitrile	4.93	53	374582	287.101	ug/l	99
16) Acetone	3.78	43	304103	263.918	ug/l	99
17) Carbon Disulfide	4.01	76	340644	49.123	ug/l	100
18) Methyl Acetate	4.28	43	169352	58.056	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	425243	54.742	ug/l	98
20) Methylene Chloride	4.50	84	138758	50.209	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	121439	51.843	ug/l	99
22) Diisopropyl ether	5.90	45	494160	54.455	ug/l	98
23) Vinyl Acetate	5.84	43	2104683	283.054	ug/l	99
24) 1,1-Dichloroethane	5.80	63	261927	53.600	ug/l	99
25) 2-Butanone	6.79	43	494864	281.996	ug/l	100
26) 2,2-Dichloropropane	6.78	77	190228	47.420	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	140952	52.733	ug/l	99
28) Bromochloromethane	7.15	49	129289	53.761	ug/l	99
29) Tetrahydrofuran	7.17	42	343729	289.471	ug/l	99
30) Chloroform	7.33	83	245242	52.783	ug/l	97
31) Cyclohexane	7.62	56	215576	47.780	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	205186	52.894	ug/l	99
36) 1,1-Dichloropropene	7.75	75	180724	50.077	ug/l	99
37) Ethyl Acetate	6.88	43	208153	53.506	ug/l	100
38) Carbon Tetrachloride	7.73	117	173794	50.099	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.05	83	187063	48.152	ug/l		98
40) Benzene	8.00	78	557618	51.036	ug/l		99
41) Methacrylonitrile	7.13	41	92855m	55.692	ug/l		
42) 1,2-Dichloroethane	8.08	62	208706	52.249	ug/l		100
43) Isopropyl Acetate	8.13	43	339341	54.110	ug/l		100
44) Trichloroethene	8.80	130	123692	50.201	ug/l		98
45) 1,2-Dichloropropane	9.08	63	161195	52.546	ug/l		97
46) Dibromomethane	9.17	93	94247	53.156	ug/l		98
47) Bromodichloromethane	9.37	83	198807	51.756	ug/l		99
48) Methyl methacrylate	9.17	41	167454	56.170	ug/l		99
49) 1,4-Dioxane	9.17	88	51513	1125.043	ug/l		98
51) 4-Methyl-2-Pentanone	9.95	43	1067329	284.439	ug/l		100
52) Toluene	10.12	92	332216	52.364	ug/l		99
53) t-1,3-Dichloropropene	10.35	75	226106	52.877	ug/l		100
54) cis-1,3-Dichloropropene	9.81	75	242129	52.770	ug/l		100
55) 1,1,2-Trichloroethane	10.53	97	131110	53.277	ug/l		98
56) Ethyl methacrylate	10.40	69	224727	50.826	ug/l		100
57) 1,3-Dichloropropane	10.68	76	238029	52.797	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.66	63	353066	264.117	ug/l		100
59) 2-Hexanone	10.72	43	780101	268.593	ug/l		100
60) Dibromochloromethane	10.87	129	144172	52.515	ug/l		97
61) 1,2-Dibromoethane	10.98	107	134903	52.645	ug/l		98
64) Tetrachloroethene	10.60	164	100457	48.953	ug/l		97
65) Chlorobenzene	11.41	112	339396	51.257	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.48	131	128378	51.537	ug/l		98
67) Ethyl Benzene	11.48	91	635048	52.308	ug/l		99
68) m/p-Xylenes	11.59	106	456659	104.651	ug/l		99
69) o-Xylene	11.92	106	220989	53.331	ug/l		99
70) Styrene	11.94	104	380058	54.296	ug/l		98
71) Bromoform	12.10	173	102262	54.677	ug/l	#	98
73) Isopropylbenzene	12.22	105	594355	51.469	ug/l		99
74) N-amyl acetate	12.05	43	300516	58.273	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.48	83	205360	51.176	ug/l		99
76) 1,2,3-Trichloropropane	12.53	75	196498m	52.860	ug/l		
77) Bromobenzene	12.50	156	141348	50.934	ug/l		98
78) n-propylbenzene	12.57	91	697867	51.592	ug/l		99
79) 2-Chlorotoluene	12.65	91	424368	50.907	ug/l		100
80) 1,3,5-Trimethylbenzene	12.71	105	504108	52.627	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.27	75	71036	53.196	ug/l		99
82) 4-Chlorotoluene	12.75	91	431874	49.773	ug/l		100
83) tert-Butylbenzene	12.97	119	419821	52.782	ug/l		99
84) 1,2,4-Trimethylbenzene	13.01	105	498392	53.038	ug/l		99
85) sec-Butylbenzene	13.15	105	550425	51.690	ug/l		99
86) p-Isopropyltoluene	13.26	119	482989	52.736	ug/l		100
87) 1,3-Dichlorobenzene	13.26	146	246254	50.566	ug/l		99
88) 1,4-Dichlorobenzene	13.34	146	243906	50.877	ug/l		99
89) n-Butylbenzene	13.59	91	397466	50.507	ug/l		100
90) Hexachloroethane	13.85	117	96144	49.312	ug/l		98
91) 1,2-Dichlorobenzene	13.63	146	243474	52.286	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	40640	55.780	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	108622	44.714 ug/l	98
94) Hexachlorobutadiene	14.98	225	64572	51.269 ug/l	99
95) Naphthalene	15.10	128	297073	46.061 ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	114852	52.337 ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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